



# FEMA



Prepared by  
*Todd Beal*

# FEMA Region 6 Weather Threat Briefing

Saturday, April 6, 2019

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

# Summary of the Upcoming Week



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## Today

- Enhanced risk of severe thunderstorms across **NE TX, N LA** and **S AR**. Damaging winds, hail, and a few tornadoes possible.
- Slight risk of severe thunderstorms across **Central and North Texas** into **AR** and **N LA**.
- Slight risk of excessive rainfall for **Central** into **Northeast Texas**. Heavy rainfall/flash flooding possible.

## Sunday

- Slight risk of severe thunderstorms across much of the eastern half of **Region 6 (TX, LA, AR, OK)**. Damaging winds, large hail, and a few tornadoes possible.
- Slight risk of excessive rainfall for **E/SE TX** into **LA** and **SE AR**. Heavy rain/flash flooding possible.

## Monday

- Marginal risk of severe thunderstorms over **SE AR** and **LA**.

## Tuesday - Wednesday

- Elevated to critical fire weather conditions over **southern NM** Tuesday
- Elevated to critical fire weather conditions over **NM, West Texas**, and the **TX Panhandle** Wednesday.

## River Flooding

- Minor to Moderate flooding will continue on the **Mississippi River** in **E AR/E LA**.
  - Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
  - River levels will rise slightly over the next few days in **E AR** but minimal impacts are expected.
  - Current forecasts show levels in **E LA** will continue to fall into next week. However, current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the **MS River**.
- A few other rivers in **AR/LA** will remain in minor to moderate flood stage with minimal impacts.

# FEMA Region 6 Threat Matrix

Apr 6, 2019 – Apr 10, 2019



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	NETX/S AR/N LA	E/SE TX SE/E OK AR/LA	SE AR and LA		
	North and Central TX S OK/AR/N LA				
Heavy Rain / Flash Flooding	Central into Northeast TX	Far E/SE TX into LA and SE AR			
Winter Weather					
Fire Weather				S NM	NM/WTX TX Panhandle
River Flooding	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA	E AR/E LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

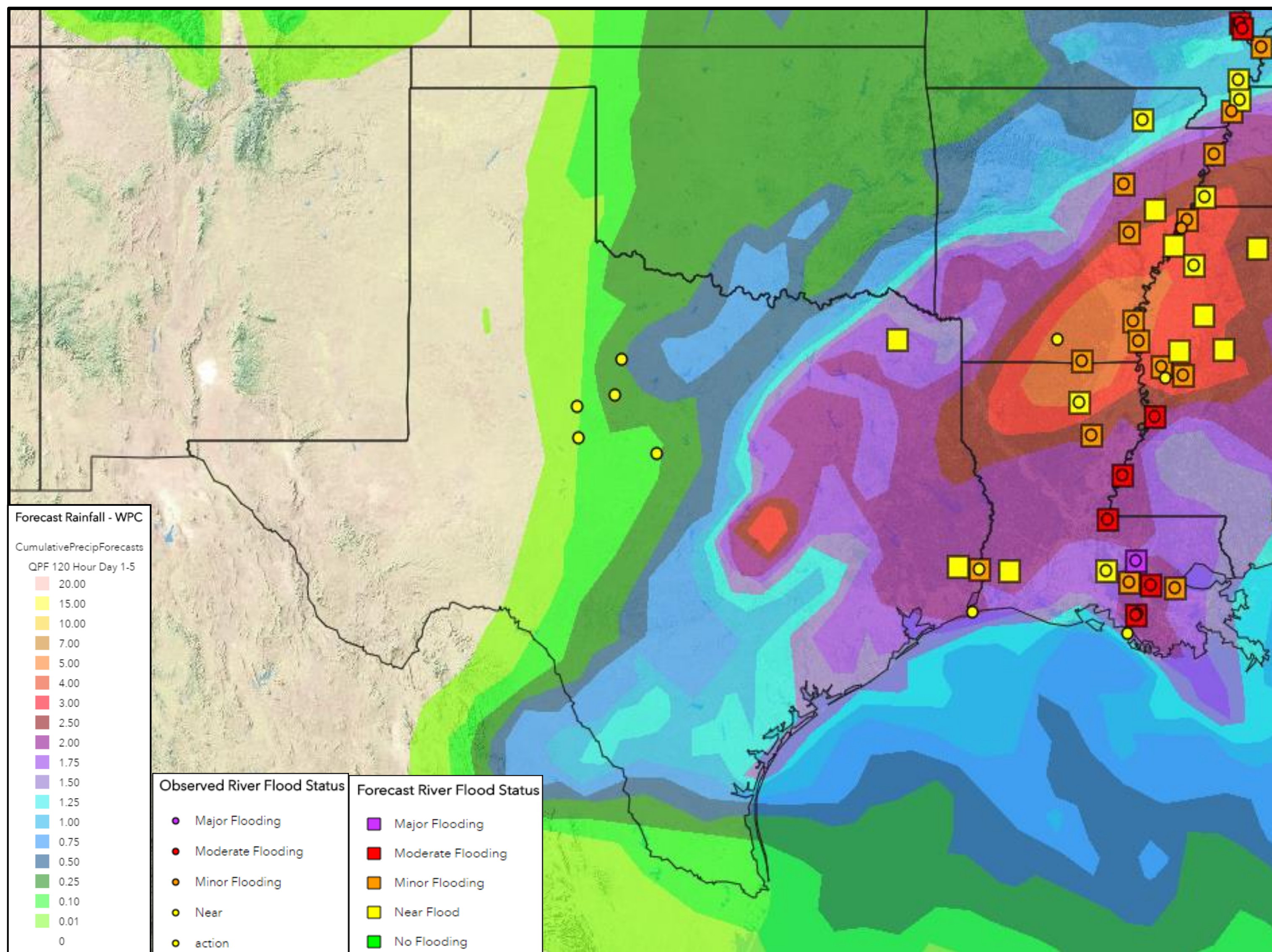


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Moderate flooding will continue on the Mississippi River in E AR/E LA. Keep in mind that current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the Mississippi River.**

## Arkansas

- **MS River will remain in minor flood in E AR. Flooding of county roads/fields along the river and most land inside the levee protections.**

## Louisiana

- **MS River at Baton Rouge is at Major flood. Current forecasts have levels dropping into Moderate flood next week. Shipping and industrial activities are significantly affected.**
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. No significant impacts are noted.**

**A few other rivers in eastern portions of AR/LA will remain in minor to moderate flood stage with minimal impacts.**

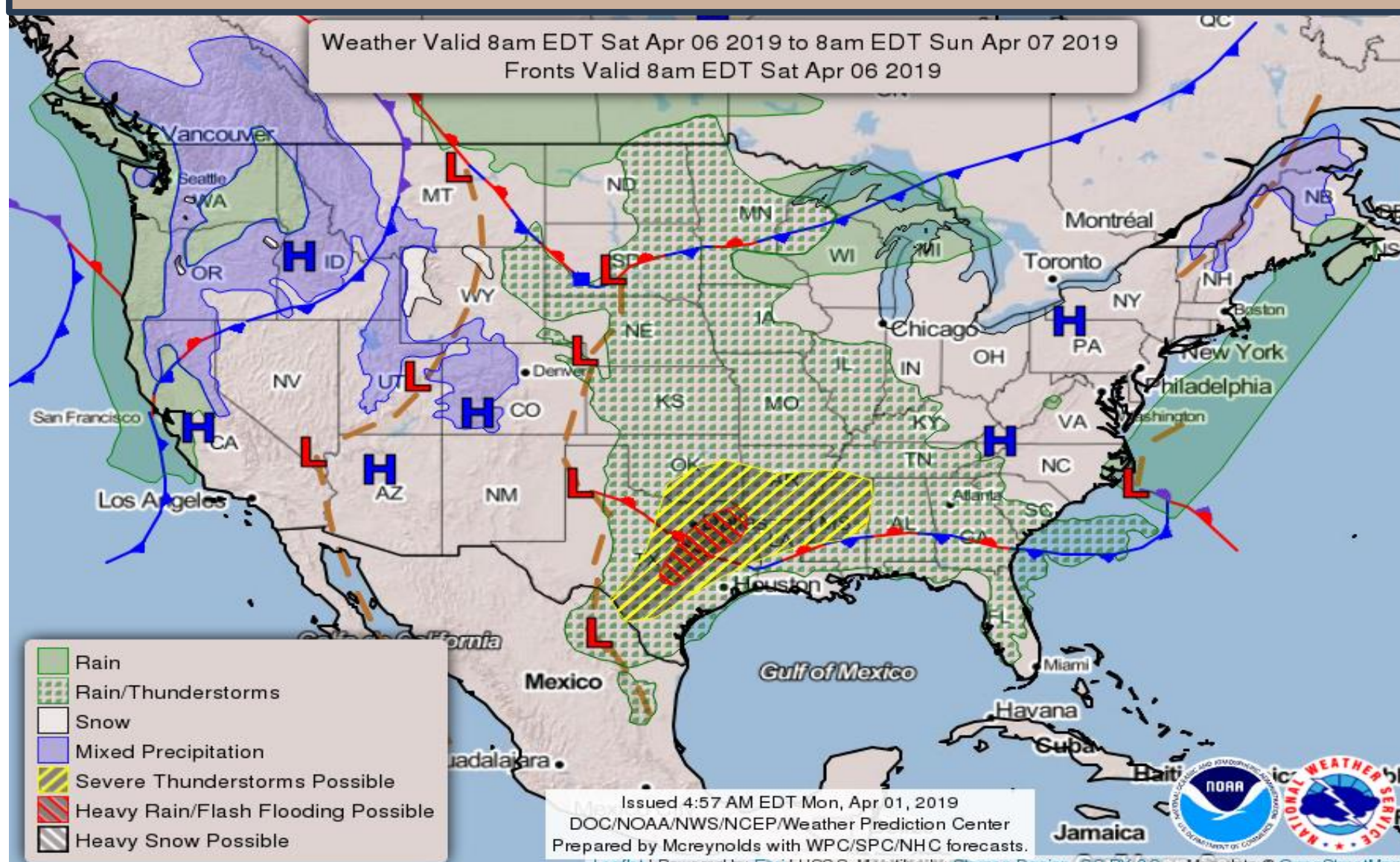


# Today's Weather

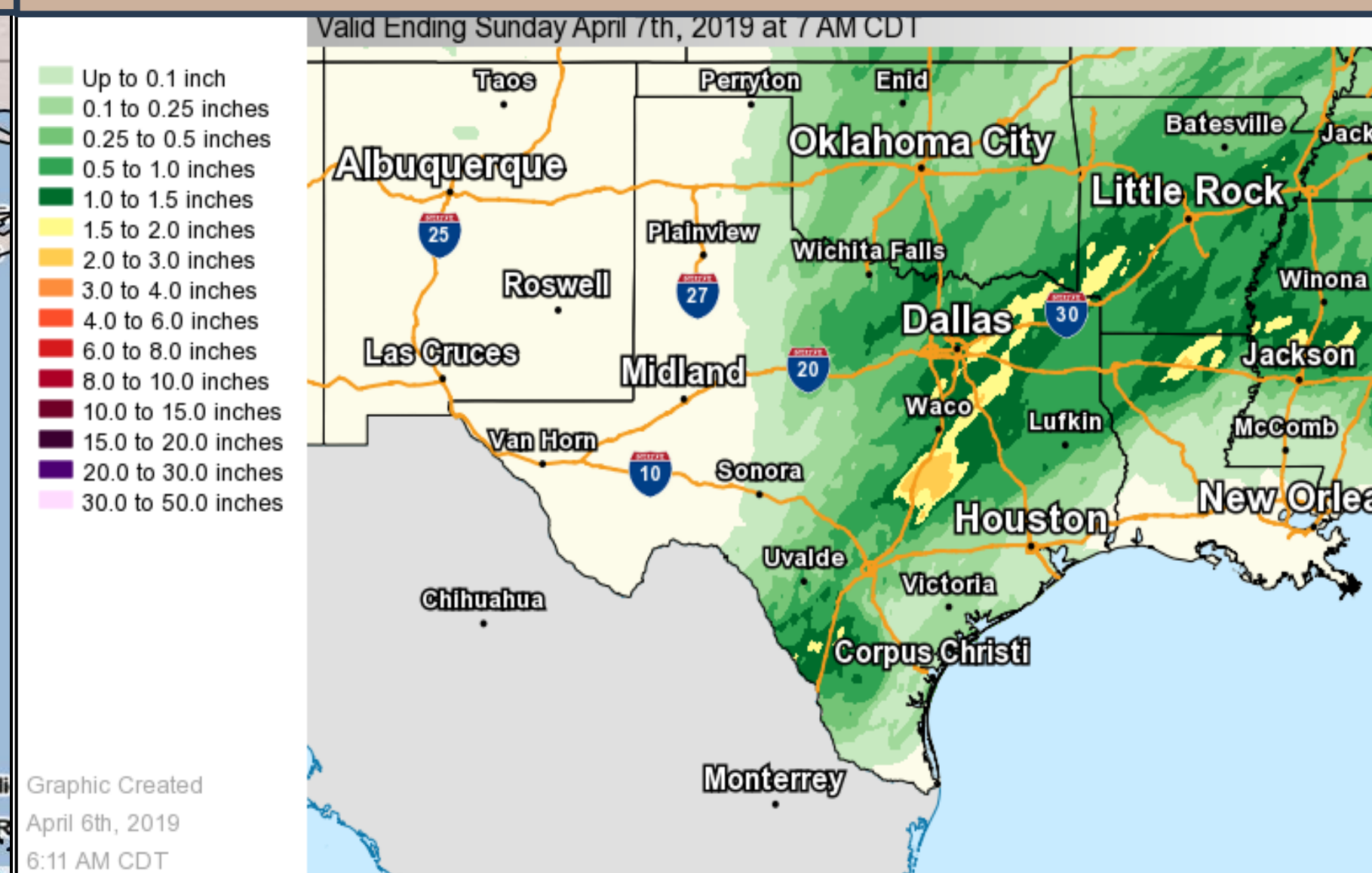


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# Forecast Chart



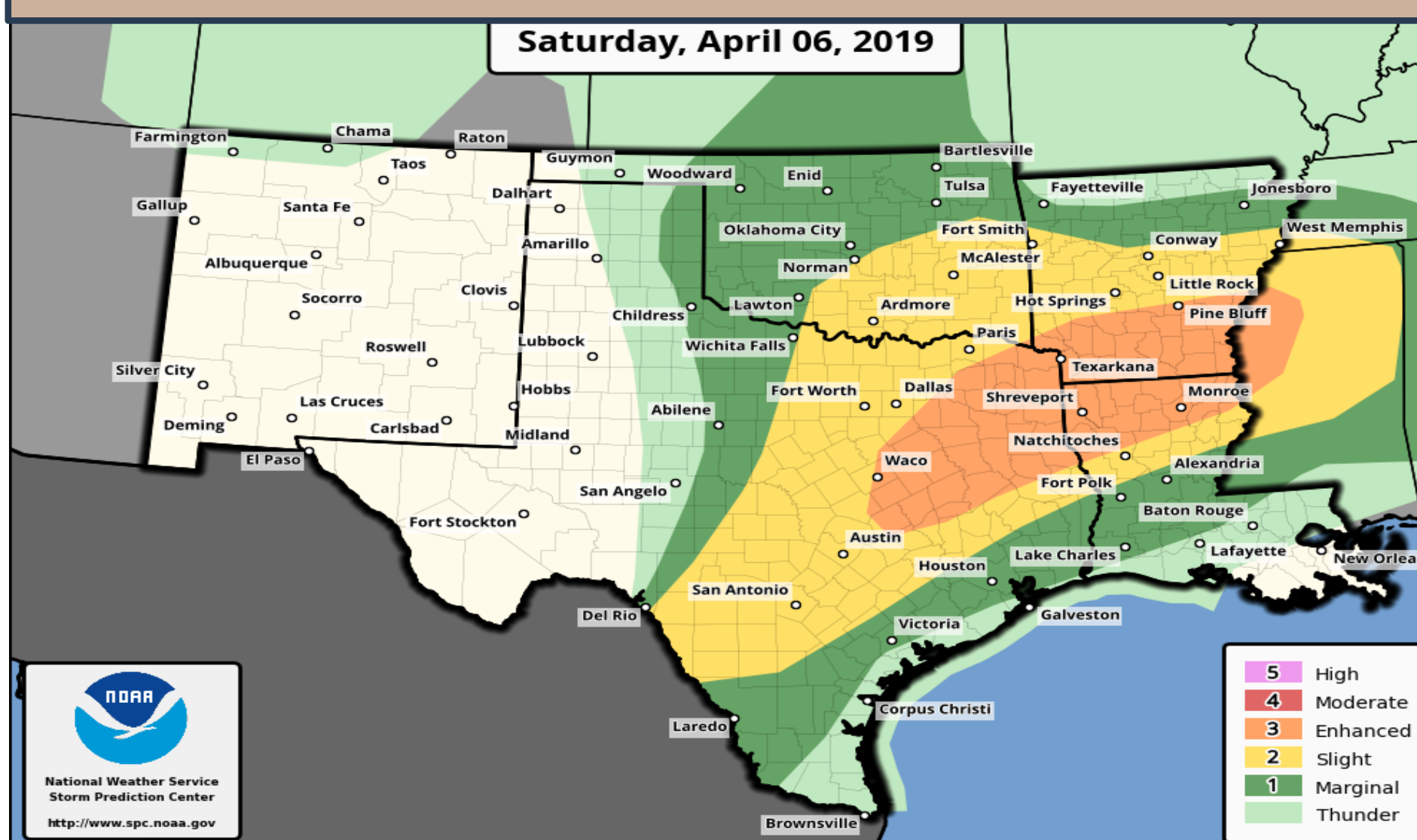
# Forecast Rainfall



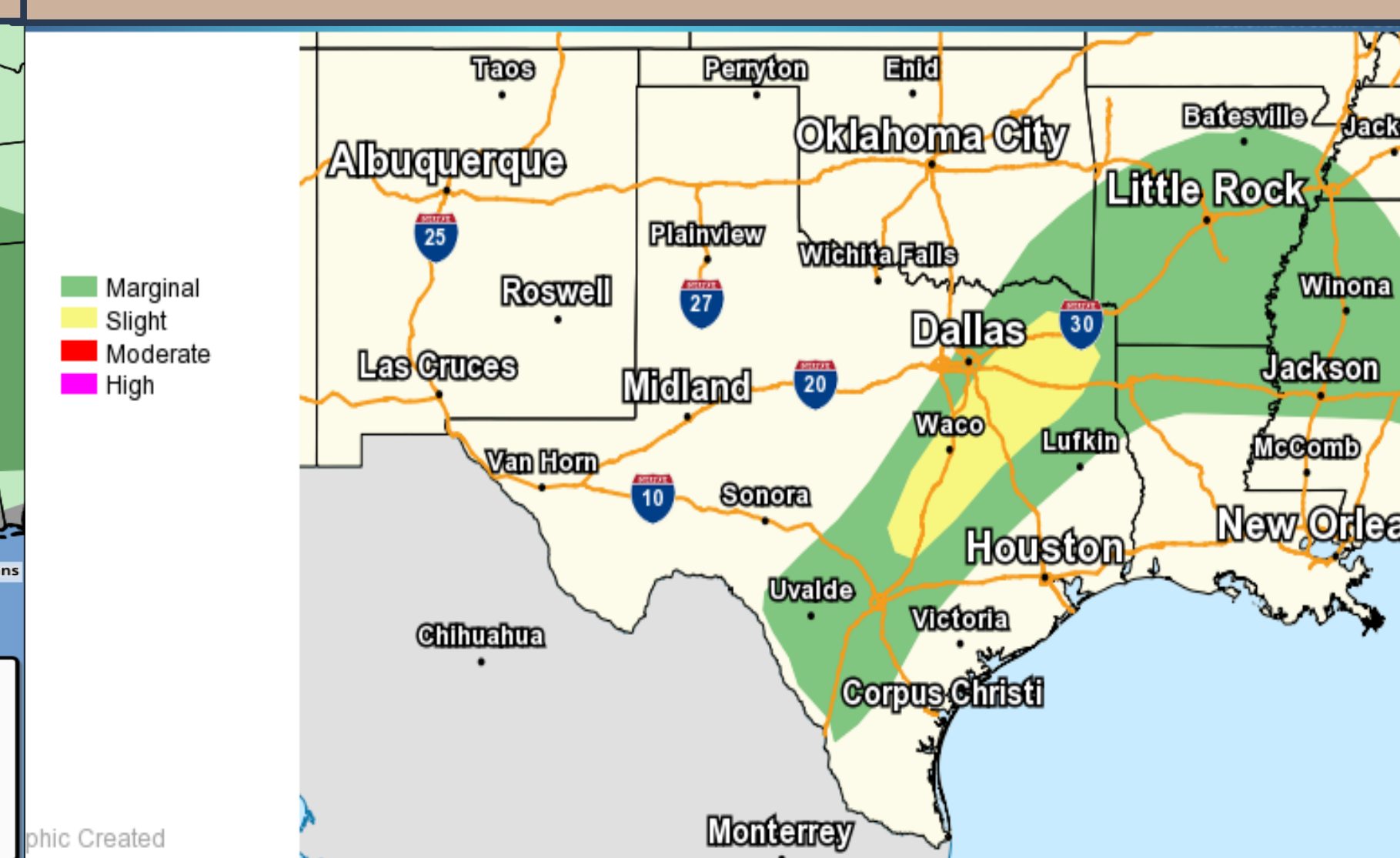
**Enhanced risk of severe thunderstorms across NE TX, N LA and S AR. Damaging winds, hail, and a few tornadoes possible.**

**Slight risk of severe thunderstorms across Central and North TX into S OK and AR/S LA. Damaging winds, hail, and a few tornadoes possible.**

# Severe Weather Outlook



## Excessive Rainfall Outlook



## Heavy rainfall and flash flooding possible from Central into NETX



# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**Slight risk of severe thunderstorms across E/SE TX, E/SE OK, LA/AR. Damaging winds, hail, and a few tornadoes possible.**

**Slight risk of excessive rainfall for E/SE TX into LA and AR. Heavy rain/flash flooding possible.**

## Severe Weather Outlook

## Excessive Rainfall Outlook



# Monday's Weather

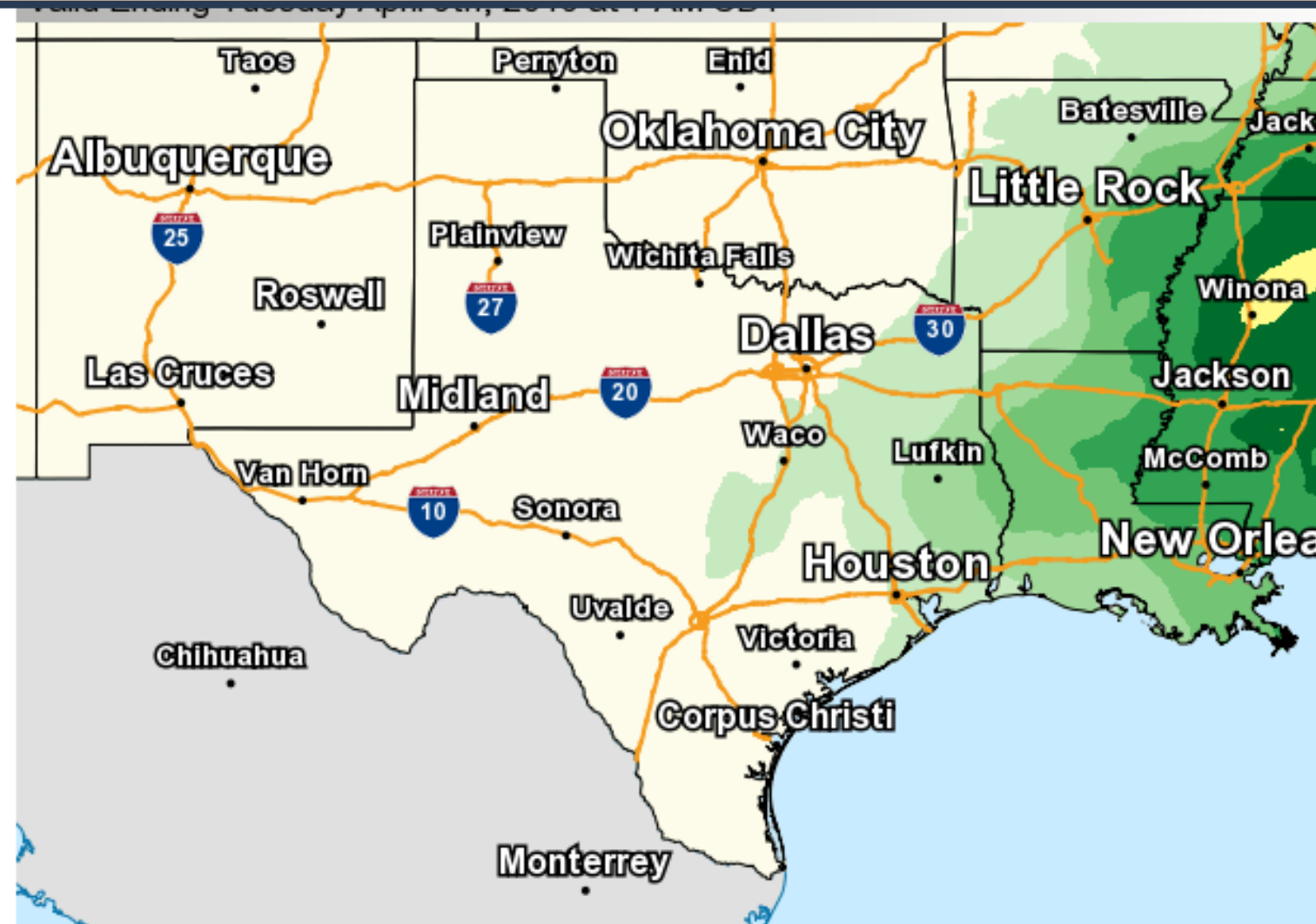
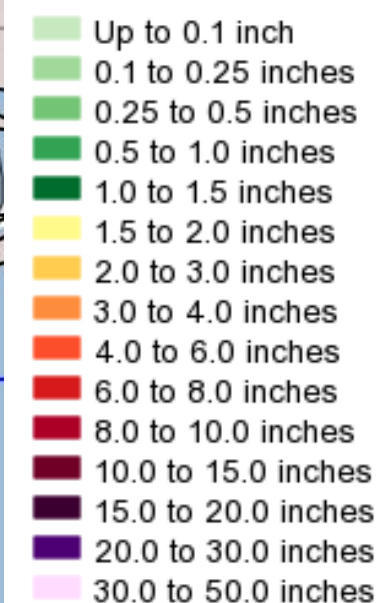
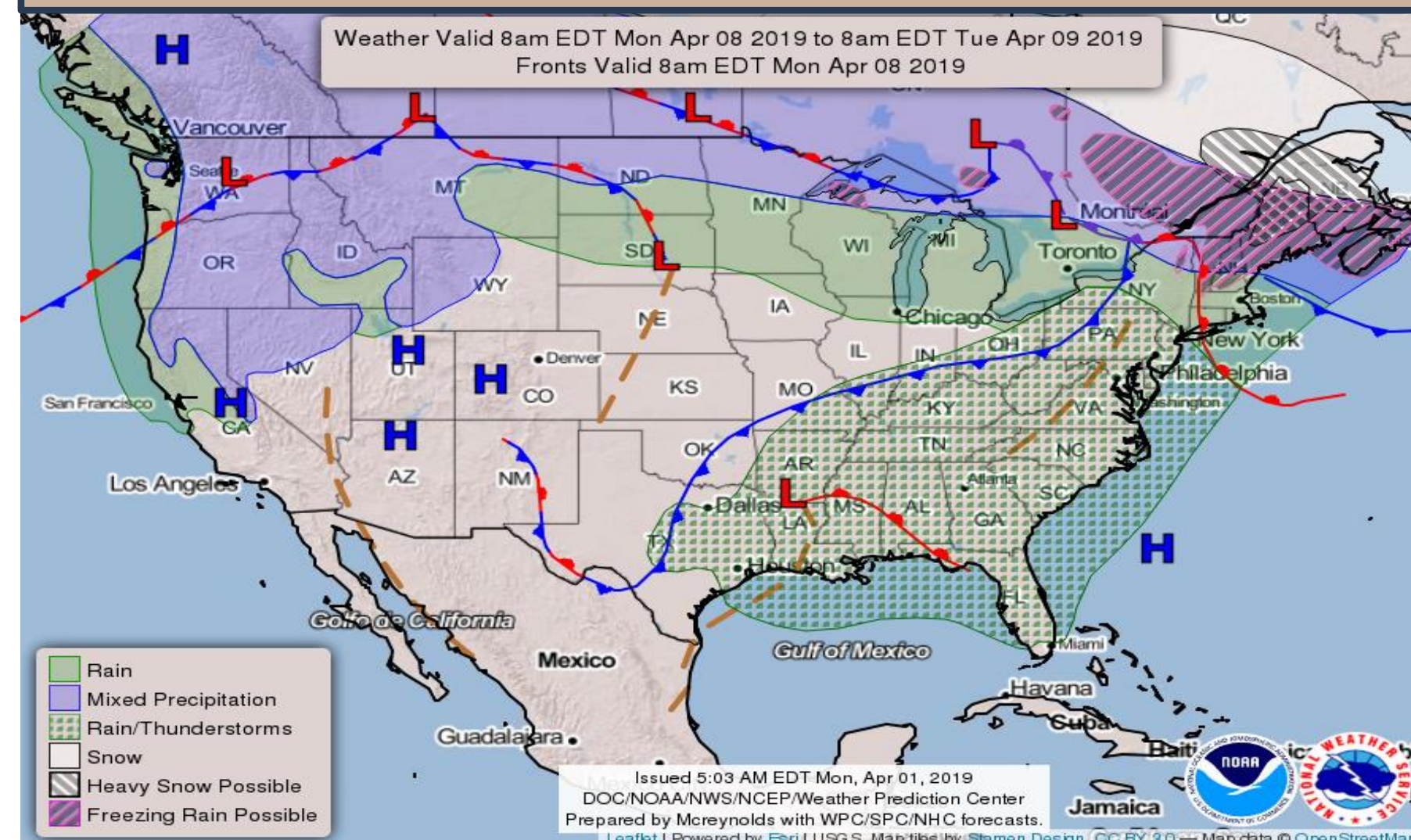


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## Forecast Chart

## Forecast Rainfall

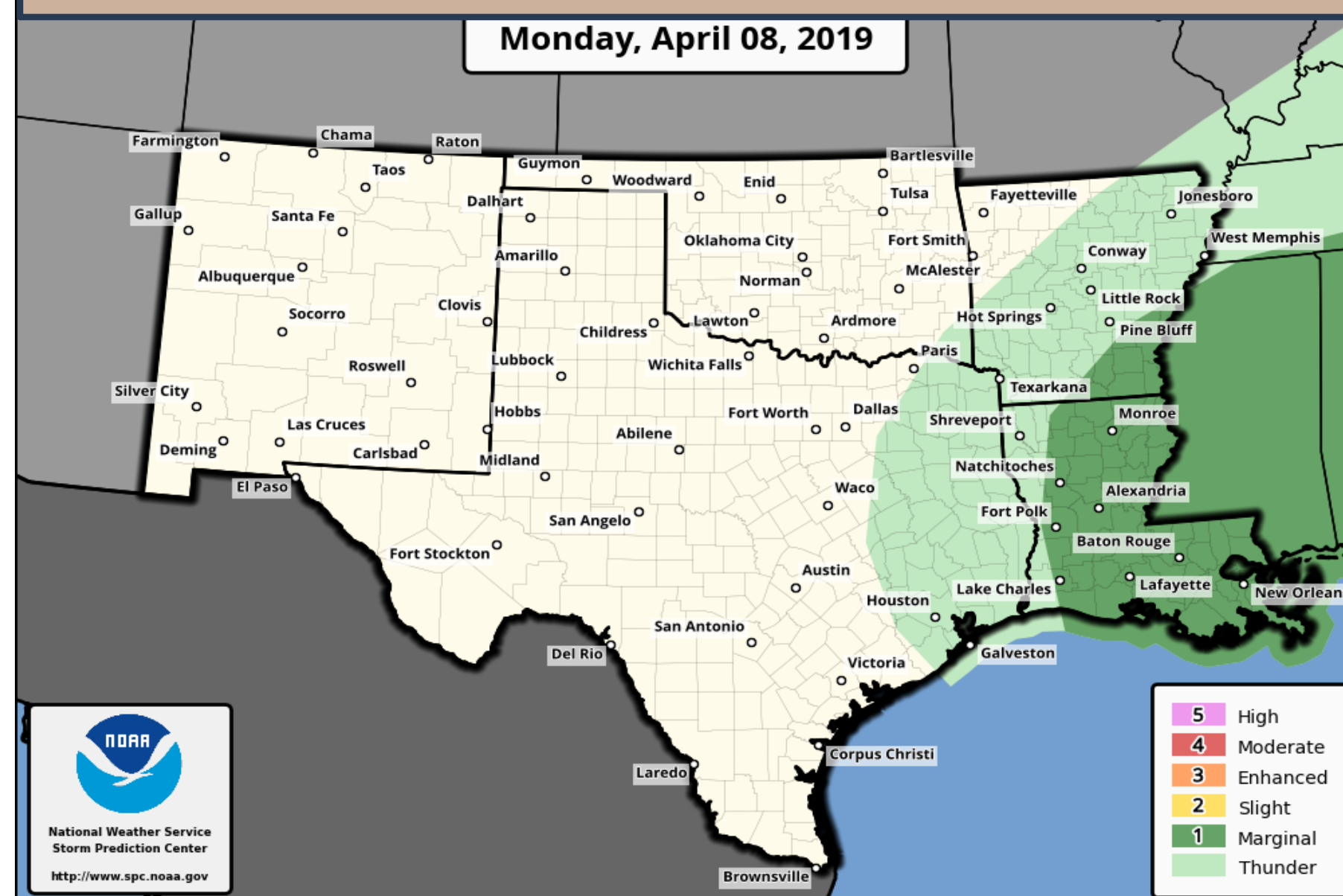
Marginal risk of severe storms over SE AR and LA



Graphic Created  
April 6th, 2019

## Severe Weather Outlook

## Excessive Rainfall Outlook



Graphic Created  
6th, 2019  
AM CDT



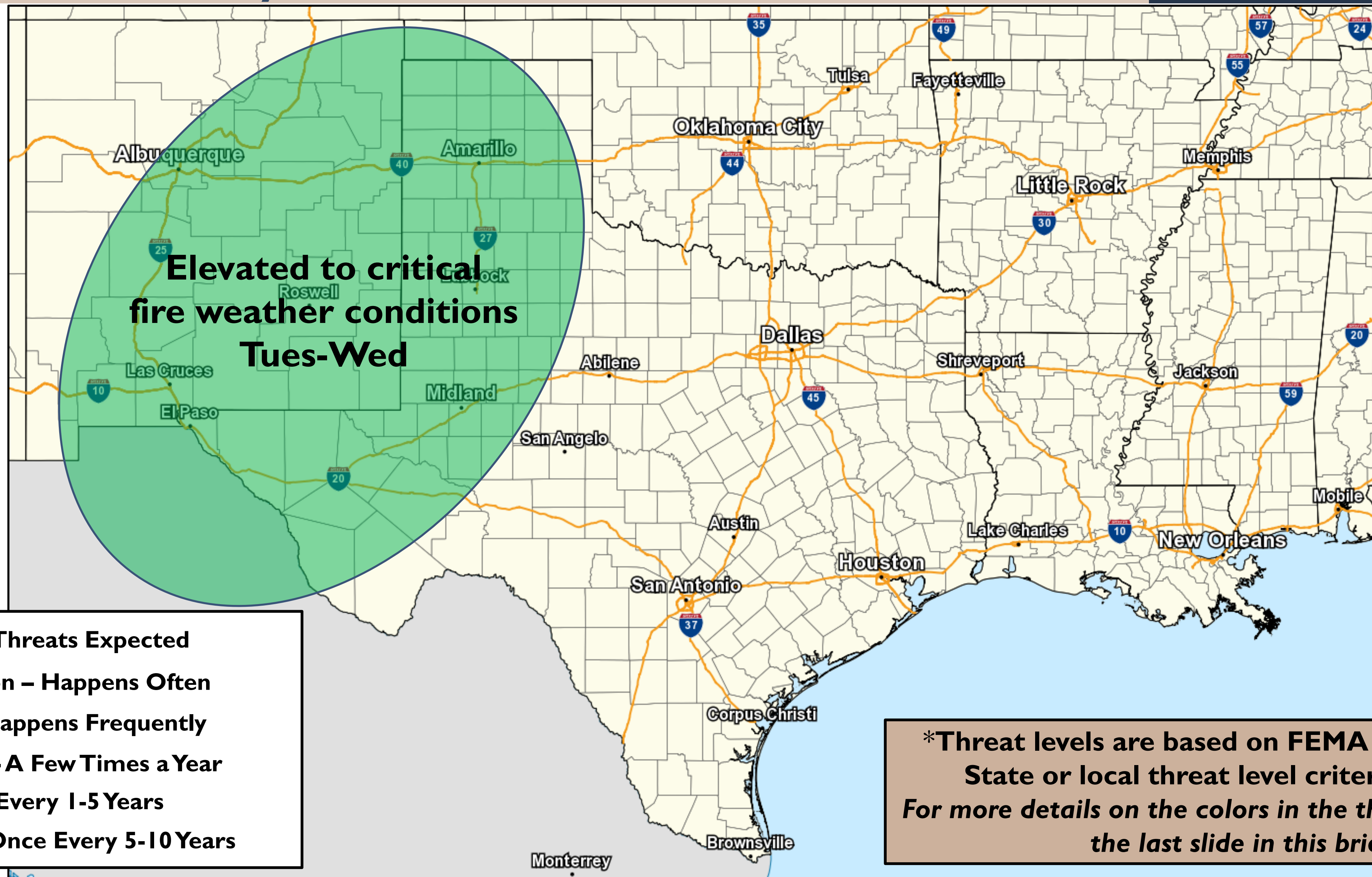


# Days 4-5 Weather Hazards

Tuesday – Wednesday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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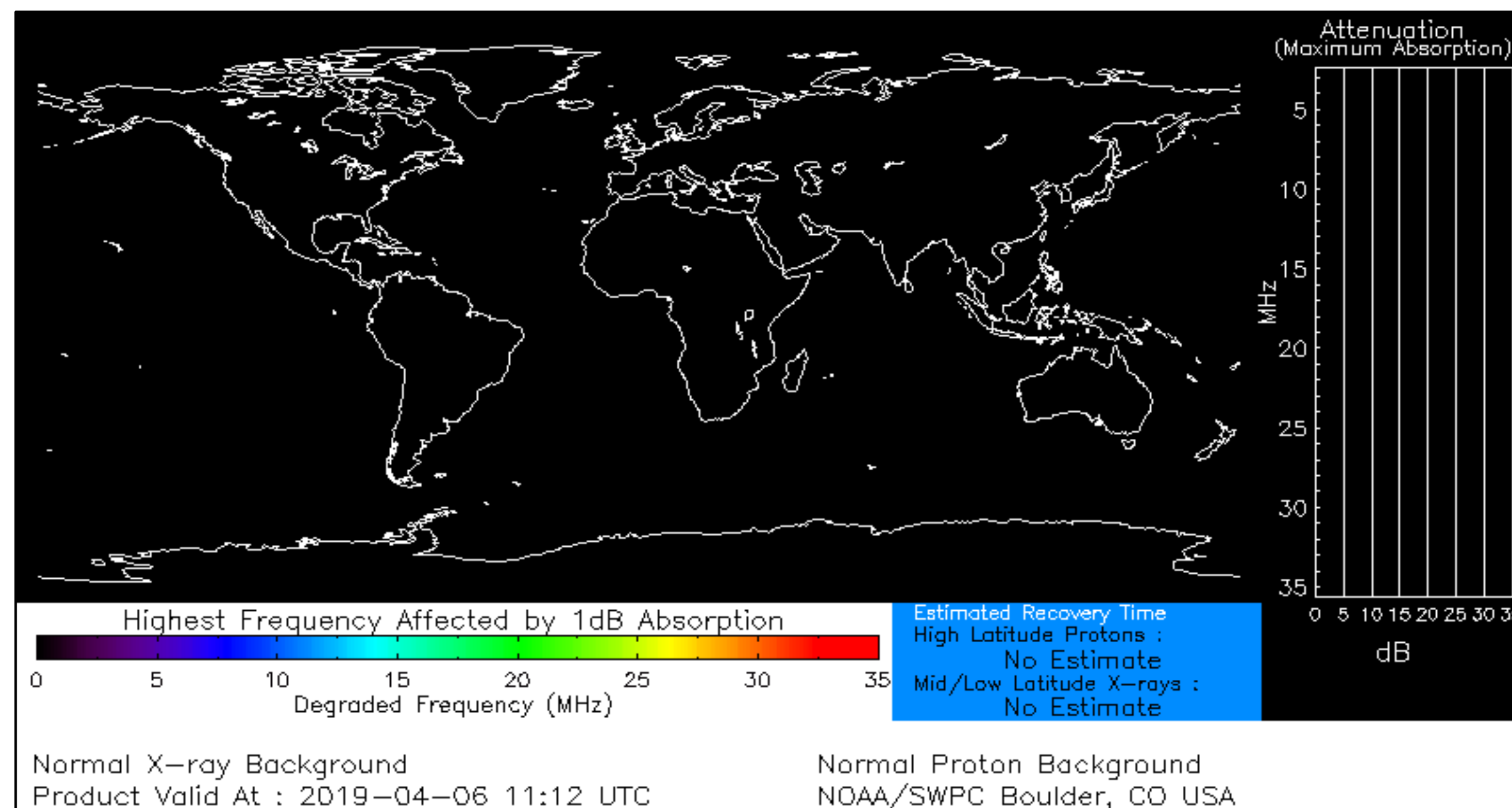


# Space Weather 3-Day Forecast



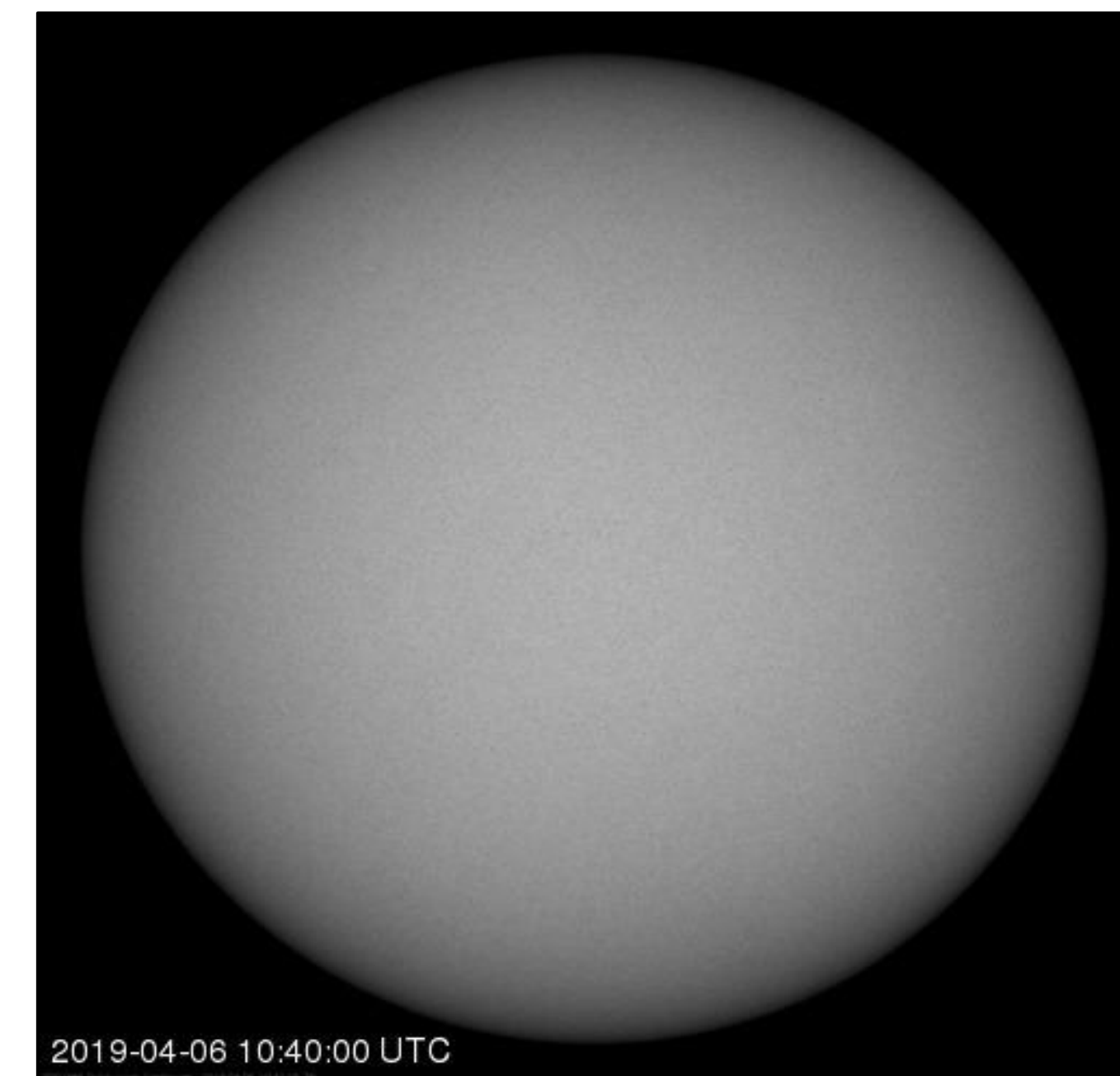
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	Saturday	Sunday	Monday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2019-04-06 10:40:00 UTC





# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**